Overview

Our client is requesting the implementation of custom tailored restaurant software management system to run on a PC server or on cloud computing service for his restaurant.

The system runs a back-end service which manages all the essential databases such as recipes for dishes, customers and customer orders, stocks of ingredients for the dishes, employees - part-time and full-time hired waiters/waitresses, managers, suppliers of stocks, etc. The front-end services feature interfaces for interacting with the management systems. These include features for customers, restaurant manager and system administrator.

Project objectives

To make a restaurant software management system that helps the restaurant be more efficient. The system will have features for customers, the restaurant manager and the system administrator.

Customer features are:

1. making orders and reservations to be picked up for take-away, dine-in, home delivery, etc
2. modifying the content of the dish reservations

Restaurant manager features are:

1. Stock Inventory
2. Recipe/Menu planning
3. Reservations
4. Dish/Food costs
5. Customer database
6. Track delivery
7. Accounting/Financial Administration
8. Waiters’/Waitresses’ duties, off-days, leaves, etc.
9. Generation of reports - Analytics
10. Special events

The system administrator is responsible for all computer related services such as setting-backups of databases, stopping/restarting system services, general system maintenance, etc.